AS

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

SBD-10 - 1424/15-16

No. ***First & Final*** (For Other Works) Date 31-8-2015

Division: **BBMP, Byatarayanyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 147 Dated 31-8-15 Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: **P-0190** **Work Code: 009-14-000061** **Est.Cost: 20.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: Improvements to Roads of Ward No. 09, Vidyaranyapura Sub Division.

Name of Contractor and Full Address: ***Karnataka Rural Infrastructure Development Limited, # 119, 11th Cross Road, Silvestra Arched, 3rd Floor, East Park Road, Malleshwaram, Bangalore - 03.***

Reference to Agreement No. **EE/BTP/BBMP/KRIDL/WO/83/2014-15** **Dated: 14.08.2014**

Certified that the measurements were taken by me on 28/08/2015 and recorded of Pages 249855 to 249864 of measurement Book No. 2499 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Assistant Executive Engineer
Byatarayanapura Sub-div.
KRIDL, BBMP, Bangalore

Certified that the measurement were taken by me on 28/08 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Vidyaranyapura Sub-Division
BBMP, Bangalore - 97

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1980566=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT — 39611=00 VAT — 79223=00 19806=00 LWC — 3961=00 CBF — 3961=00 1981=00 Roy — 34930=00
	b. Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Total ded — 175551=00 By Cheque — 1805015=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum 1980566=00

(in final settlement of all demands) 175551=00 (For use in the Office)

Witness
1.
2.

Stamp

1805015=00

Dated Signature of Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment **Executive Engineer**

Sl. No.		Unit
1	Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
2	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. including smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20 (1:1.5:3) (cement - 341 kg/Cum) etc complete as per specifications and directions of engineer in charge of the work	Cum
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specificaticn No. KBS 4.6.3 TMT Bars FE 415 etc complete as per specifications and directions of engineer in charge of the work	Sqm
5	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
6	Providing and laying in position plain cement concrete of mix M15 with OPC cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
8	Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement / colour pigment etc., 10 mm thick black granite tiles etc complete as per specifications and directions of engineer in charge of the work	Sqm
9	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
10	Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
11	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
12	Providing and applying primer coat from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm
13	Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **With 80/100 grade bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum
14	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum
	Total	
	Add 11% Service charge to KRIDL	
	Add 1% Third Party Inspection Charge	
	Grand Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	235.00	90.72	21319.00	235.00	21319.00	
-	-	8.40	4290.84	36043.00	8.40	36043.00	
-	-	13.20	6468.12	85379.00	13.20	85379.00	
-	-	10.56	7380.72	77940.00	10.56	77940.00	
-	-	248.80	696.60	173314.00	248.80	173314.00	
-	-	21.40	4779.00	102271.00	21.40	102271.00	
		132.00	354.24	46760.00	132.00	46760.00	
		313.50	1559.26	488828.00	313.50	488828.00	
		880.00	72.79	64055.00	880.00	64055.00	
		247.50	1121.04	277457.00	247.50	277457.00	
		990.00	10.53	10425.00	990.00	10425.00	
		990.00	142.07	140649.00	990.00	140649.00	
-	-	24.75	9981.36	247039.00	24.75	247039.00	
-	-	176.25	72.71	12815.00	176.25	12815.00	
				1784294.00		1784294.00	
				196272.34		196272.34	
				17842.94		17842.94	
				1998409.28		1998409.28	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

1980566=00 1980566=00